

Product data sheet

Specifications



Double contact block, Harmony XB4, silver alloy, screw clamp terminal, 2NC

ZBE204

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony XB4 Harmony XB5
Product or Component Type	Contact block
Device short name	ZBE
Sale per indivisible quantity	5
IP degree of protection	IP20 IEC 60529
Contact operation	Slow-break
Contact block type	Double
Contacts usage	Standard contacts
Connections - terminals	Screw clamp terminals, $\leq 2 \times 1.5 \text{ mm}^2$ with cable end IEC 60947-1 Screw clamp terminals, $\geq 1 \times 0.22 \text{ mm}^2$ without cable end IEC 60947-1

Complementary

Product Weight	0.04 lb(US) (0.02 kg)
Contacts type and composition	2 NC
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.2 in (4.3 mm) total travel)
Operating force	3.4 N NC changing electrical state
Mechanical durability	10000000 cycles
Tightening torque	7.08...10.6 lbf.in (0.8...1.2 N.m) IEC 60947-1
Shape of screw head	Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse gG IEC 60947-5-1
[Ith] conventional free air thermal current	10 A IEC 60947-5-1
[Ui] rated insulation voltage	600 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1
[Ie] rated operational current	3 A 240 V, AC-15, A600 IEC 60947-5-1 6 A 120 V, AC-15, A600 IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 IEC 60947-5-1 1.2 A 600 V, AC-15, A600 IEC 60947-5-1

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electrical durability	1000000 cycles, AC-15, 1 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 1.5 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.15 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
Mounting of block	Front mounting
Electrical composition code	C2 3) C4 2) C6 2) C8 1) C10 2) C13 3) M2 2) M4 2) M8 2)
Device presentation	Basic element

Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C)
Standards	IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 IEC 60947-5-4 IEC 60947-1 UL 508 JIS C8201-1
Product Certifications	CCC CSA BV DNV LROS (Lloyds register of shipping) UL GOST
Vibration resistance	5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27

Ordering and shipping details

Category	US10CS222469
Discount Schedule	0CS2
GTIN	3389110119206
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.394 in (1.000 cm)
Package 1 Width	1.339 in (3.400 cm)
Package 1 Length	2.047 in (5.200 cm)
Package weight(Lbs)	0.600 oz (17.000 g)
Unit Type of Package 2	BB1

Number of Units in Package 2	5
Package 2 Height	2.165 in (5.500 cm)
Package 2 Width	2.087 in (5.300 cm)
Package 2 Length	2.244 in (5.700 cm)
Package 2 Weight	3.316 oz (94.000 g)
Unit Type of Package 3	S02
Number of Units in Package 3	400
Package 3 Height	5.906 in (15.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	17.031 lb(US) (7.725 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	0.2 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.

Use Better



Materials and Substances

Average percentage of recycled plastic content	23 %
Average percentage of recycled metal content	13 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	98
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Offer Marketing Illustration

Product benefits / Features

Features

Harmony XB4



Quick and easy assembly and disassembly



Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board



Excellent mechanical connection with operator head



Large set of accessories to customize your panels



Robustness to withstand harsh environments



Offer Marketing Illustration

Product benefits / Features

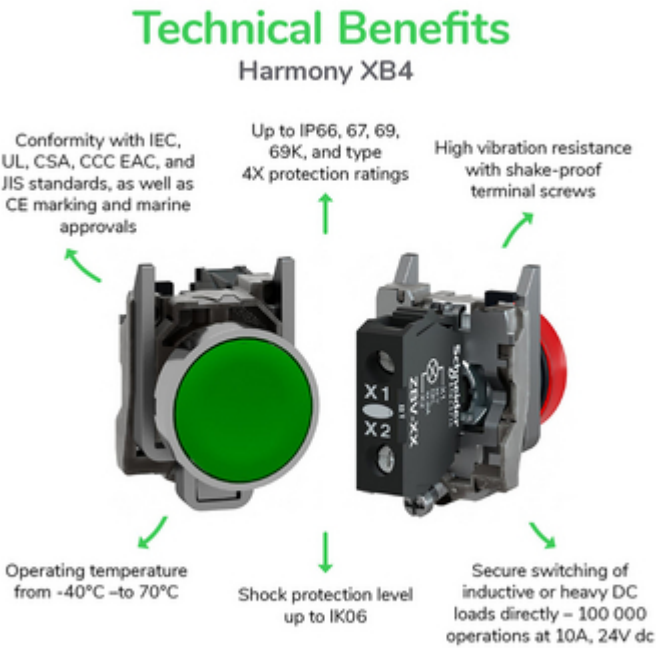


Image of product / Alternate images

Alternative

